FIG. 1 Background Art

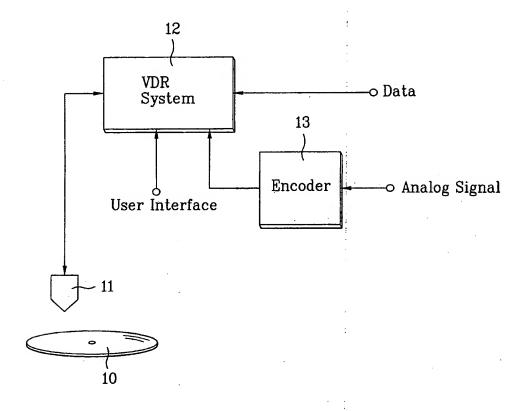
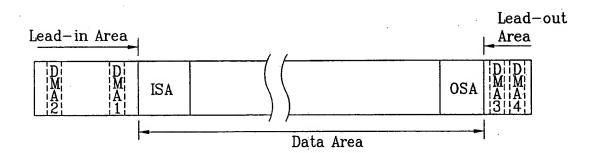


FIG. 2 Background Art



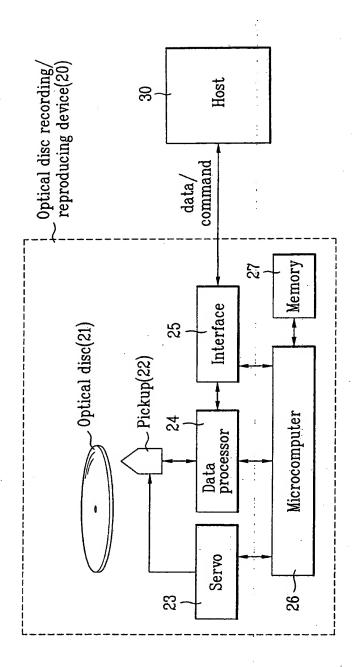


FIG. 4

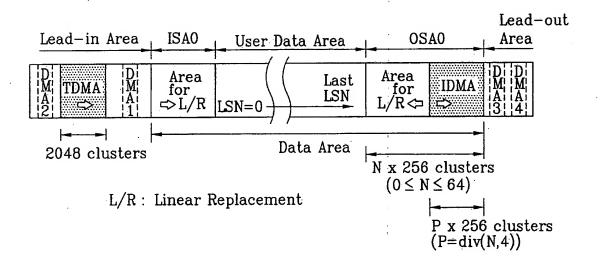


FIG. 5

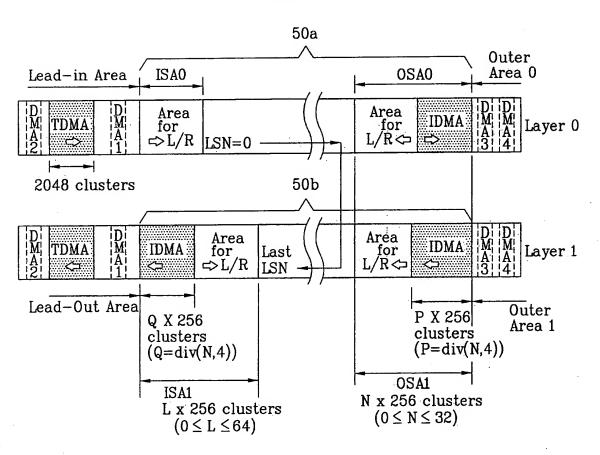


FIG. 6

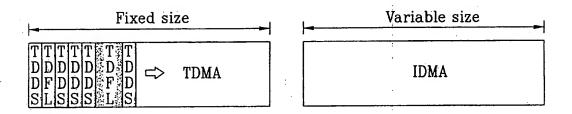


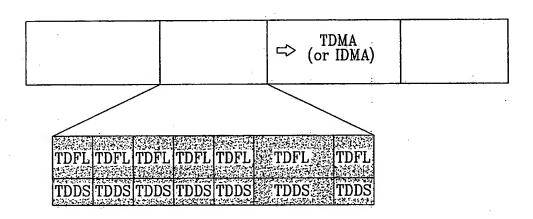
FIG. 7

Fixed size	Variable size	
TTTTTTTT DDDDDDDDDDDDDDDDDDDDDDDDDDDDD	$\begin{array}{c cccc} T & T & T & T & T \\ D & D & D & D & D \\ D & F & D & D \\ S & L & S & S & L & S \\ \end{array} \longrightarrow \begin{array}{c cccc} IDMA & & & & & \\ \hline \end{array}$	

FIG. 8

$\begin{array}{c c} TTTTTTTT\\DDDDDDDD\\DFDDDFD\\ \hline\\SLSSSLS\end{array} \qquad \begin{array}{c} TDMA\\ \\ \\ \\ \\ \\ \\ \end{array}$	
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FIG. 9



Inner Spare Area 0 full | DMA | DMA | DMA | TDMA | TDMA | TDMA | TDMA | (In Lead Number of Bytes Outer Spare Area 0 full þ Inner Spare Area 1 full The first PSN of latest TDFL Spare Area full flag TDMA/IDMA full flag Outer Spare Area 1 full . b3 Contents **b**4 92 Field in TDDS Sector1--Sector31 Sector0 99 **P**2

FIG. 10

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FIG. 11

Туре	Contents	Recording Timing
DMA	DDS/DFL	At DMA fill-in function •
TDMA	TDDS/TDFL	At eject of disc
IDMA	TDDS/TDFL	During use

ex 1: Disc Finalize ex 2: Spare Area Full ex 3: TDMA & IDMA Full